

# Li Hou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1696344/publications.pdf>

Version: 2024-02-01

30  
papers

1,577  
citations

394421

19  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2092  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | A ratiometric electrochemical biosensor via alkaline phosphatase mediated dissolution of nano-MnO <sub>2</sub> and Ru(III) redox recycling for the determination of dimethoate. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 207, 114400. | 2.8  | 8         |
| 2  | Intensity-Modulated Polymer Optical Fiber-Based Refractive Index Sensor: A Review. <i>Sensors</i> , 2022, 22, 81.   | 3.8  | 21        |
| 3  | Bacitracin-Functionalized Dextran-MoSe <sub>2</sub> with Peroxidase-like and Near-Infrared Photothermal Activities for Low-Temperature and Synergetic Antibacterial Applications. <i>ACS Applied Bio Materials</i> , 2022, 5, 2347-2354.                      | 4.6  | 5         |
| 4  | Hydrogen Sulfide Dual-Activated NIR-II Photoacoustic Probes for Accurate Imaging and Efficient Photothermal Therapy of Colon Cancer. <i>ACS Applied Bio Materials</i> , 2021, 4, 974-983.   | 4.6  | 18        |
| 5  | A mitochondria-targeted ratiometric fluorescent nanoprobe for imaging of peroxynitrite in living cells. <i>Talanta</i> , 2021, 231, 122421.   | 5.5  | 9         |
| 6  | Magneto-controlled fluorescent immunosensor for sensitive determination of biomarker via three-dimensional AuNCs/liposome networks. <i>Sensors and Actuators B: Chemical</i> , 2021, 342, 130075.   | 7.8  | 11        |
| 7  | Multicolor and photothermal dual-mode assay of alkaline phosphatase based on the UV light-assisted etching of gold nanorods. <i>Analytica Chimica Acta</i> , 2021, 1181, 338926.  | 5.4  | 10        |
| 8  | Multifunctional carbon dots with near-infrared absorption and emission for targeted delivery of anticancer drugs, tumor tissue imaging and chemo/photothermal synergistic therapy. <i>Nanoscale Advances</i> , 2021, 3, 6869-6875.                            | 4.6  | 12        |
| 9  | Accelerating the peroxidase-like activity of MoSe <sub>2</sub> nanosheets at physiological pH by dextran modification. <i>Chemical Communications</i> , 2020, 56, 10847-10850.  | 4.1  | 15        |
| 10 | A competitive immunoassay for electrochemical impedimetric determination of chlorpyrifos using a nanogold-modified glassy carbon electrode based on enzymatic biocatalytic precipitation. <i>Mikrochimica Acta</i> , 2020, 187, 204.                          | 5.0  | 20        |
| 11 | A ratiometric multicolor fluorescence biosensor for visual detection of alkaline phosphatase activity via a smartphone. <i>Biosensors and Bioelectronics</i> , 2019, 143, 111605.   | 10.1 | 89        |
| 12 | Magnetic Cu/Fe <sub>3</sub> O <sub>4</sub> @FeOOH with intrinsic HRP-like activity at nearly neutral pH for one-step biosensing. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3801-3810.  | 3.7  | 16        |
| 13 | Progress and Trend on the Regulation Methods for Nanozyme Activity and Its Application. <i>Catalysts</i> , 2019, 9, 1057.   | 3.5  | 28        |
| 14 | Application of Novel Nanomaterials for Chemo- and Biosensing of Algal Toxins in Shellfish and Water. , 2019, , 353-414.   |      | 10        |
| 15 | A label-free fluorescence assay for hydrogen peroxide and glucose based on the bifunctional MIL-53(Fe) nanozyme. <i>Chemical Communications</i> , 2018, 54, 1762-1765.  | 4.1  | 118       |
| 16 | Amperometric aptasensor for saxitoxin using a gold electrode modified with carbon nanotubes on a self-assembled monolayer, and methylene blue as an electrochemical indicator probe. <i>Mikrochimica Acta</i> , 2016, 183, 1971-1980.                         | 5.0  | 59        |
| 17 | An ultrasensitive competitive immunosensor for impedimetric detection of microcystin-LR via antibody-conjugated enzymatic biocatalytic precipitation. <i>Sensors and Actuators B: Chemical</i> , 2016, 233, 63-70.  | 7.8  | 60        |
| 18 | Aptasensor for ATP based on analyte-induced dissociation of ferrocene-aptamer conjugates from manganese dioxide nanosheets on a screen-printed carbon electrode. <i>Mikrochimica Acta</i> , 2016, 183, 2705-2711.   | 5.0  | 11        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | HCR-stimulated formation of DNAzyme concatamers on gold nanoparticle for ultrasensitive impedimetric immunoassay. <i>Biosensors and Bioelectronics</i> , 2015, 68, 487-493.  | 10.1 | 53        |
| 20 | Bioresponsive controlled release from mesoporous silica nanocontainers with glucometer readout. <i>Chemical Communications</i> , 2014, 50, 1441-1443.  | 4.1  | 66        |
| 21 | Tyramine-Based Enzymatic Conjugate Repeats for Ultrasensitive Immunoassay Accompanying Tyramine Signal Amplification with Enzymatic Biocatalytic Precipitation. <i>Analytical Chemistry</i> , 2014, 86, 8352-8358.                 | 6.5  | 127       |
| 22 | DNAzyme-functionalized gold-palladium hybrid nanostructures for triple signal amplification of impedimetric immunosensor. <i>Biosensors and Bioelectronics</i> , 2014, 54, 365-371.  | 10.1 | 67        |
| 23 | Enhanced Colorimetric Immunoassay Accompanying with Enzyme Cascade Amplification Strategy for Ultrasensitive Detection of Low-Abundance Protein. <i>Scientific Reports</i> , 2014, 4, 3966.  | 3.3  | 137       |
| 24 | Graphene oxide-labeled sandwich-type impedimetric immunoassay with sensitive enhancement based on enzymatic 4-chloro-1-naphthol oxidation. <i>Biosensors and Bioelectronics</i> , 2013, 47, 149-156.                               | 10.1 | 63        |
| 25 | Multiplexed electrochemical immunoassay of biomarkers using metal sulfide quantum dot nanolabels and trifunctionalized magnetic beads. <i>Biosensors and Bioelectronics</i> , 2013, 46, 37-43.                                     | 10.1 | 117       |
| 26 | Displacement-type Quartz Crystal Microbalance Immunosensing Platform for Ultrasensitive Monitoring of Small Molecular Toxins. <i>Analytical Chemistry</i> , 2013, 85, 6958-6966.   | 6.5  | 54        |
| 27 | Magnetic Bead-Based Reverse Colorimetric Immunoassay Strategy for Sensing Biomolecules. <i>Analytical Chemistry</i> , 2013, 85, 6945-6952.   | 6.5  | 209       |
| 28 | Hemin/G-quadruplex-based DNAzyme concatamers as electrocatalysts and biolabels for amplified electrochemical immunosensing of IgG1. <i>Chemical Communications</i> , 2012, 48, 8180.   | 4.1  | 72        |
| 29 | Magneto-controlled electrochemical immunoassay of brevetoxin B in seafood based on guanine-functionalized graphene nanoribbons. <i>Biosensors and Bioelectronics</i> , 2012, 38, 86-93.  | 10.1 | 48        |
| 30 | Simultaneous Multiplexed Stripping Voltammetric Monitoring of Marine Toxins in Seafood Based on Distinguishable Metal Nanocluster-Labeled Molecular Tags. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 8974-8982. | 5.2  | 44        |